



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/017,471A

DATE: 12/14/2013

TIME: 11:34:13

Input Set : A:\p02329.app

Output Set: N:\CRF4\03142003\J017471A.raw

file:///C:/CRF4/Outhold/VsrJ017471A.htm

3:14:03

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,471A DATE: 10/14/03
FILED: 10:34:55
Input Set: A:\p02329.app
Output Set: N:\CRF4\03142003\J017471A.raw

nuclotide
ID: 4
priprinting: 000000
NC: 4
: 24
DNA
SM: Artificial Sequence
E:
INFORMATION: Description of Artificial Sequence: Synthetic
nuclotide
CE: 5
ccggppiaacg cgtc 24
: NC: 6
: 24
DNA
SM: Artificial Sequence
RE:
INFORMATION: Description of Artificial Sequence: Synthetic
nuclotide
CE: 6
cccttgttggc catg 24
: NC: 7
: 12
: DNA
SM: Artificial Sequence
RE:
INFORMATION: Description of Artificial Sequence: Synthetic
nuclotide
ENCE: 7 22
ctccatgttgggt ca
ID NO: 8
PTH: 22
: DNA
SM: Artificial Sequence
RE:
INFORMATION: Description of Artificial Sequence: Synthetic
nuclotide
ENCE: 8
gctttcgggca tg 22
ID NO: 9
PTH: 22
: DNA
SM: Artificial Sequence
RE:
INFORMATION: Description of Artificial Sequence: Synthetic
nuclotide
ENCE: 9
gtttcggttggca ca 22
ID NO: 10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,471A

CHAPTER 12

Input File : A:\p02329.app
Output File: N:\CRF4\03142003\J017471A.raw

RAW SEQUENCE LISTING
PATENT APPLICATION NO: US/10/017,471A

DATE: 03-14-2003
TIME: 12:14:12

Input Set : A:\p02329.app
Output Set: N:\CRF4\03142003\J017471A.raw

```

215
216 Arg Val Gln Asp Ala Phe Pro Val Ser Thr Ile Pro Lys Gly Ile Asp
217 15 40 45
218 Arg Thr Ser Val Thr Ala Val Leu Pro
219 50 55
220 <210> SEQ ID NO: 16
221 <211> LENGTH: 37
222 <212> TYPE: PRT
223 <213> ORGANISM: Streptomyces coelicolor
224 <400> SEQUENCE: 16
225 Met Ala Lys Gln Asp Arg Ala Ile Arg Thr Arg Gln Thr Ile Leu Asp
226 1 5 10 15
227 Ala Ala Ala Gln Val Phe Glu Lys Gln Gly Tyr Gln Ala Ala Thr Ile
228 20 25 30
229 Thr Glu Ile Leu Lys
230 35
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 215
233 <212> TYPE: PRT
234 <213> ORGANISM: Streptomyces coelicolor
235 <400> SEQUENCE: 16
236 Met Ala Lys Gln Asp Arg Ala Ile Arg Thr Arg Gln Thr Ile Leu Asp
237 1 5 10 15
238 Ala Ala Ala Gln Val Phe Glu Lys Gln Gly Tyr Gln Ala Ala Thr Ile
239 20 25 30
240 Thr Glu Ile Leu Lys Val Ala Gly Val Thr Lys Gly Ala Leu Tyr Phe
241 35 40 45
242 His Phe Gln Ser Lys Glu Glu Ala Leu Gly Val Phe Asp Ala Gln
243 50 55 60
244 Glu Pro Pro Gln Ala Val Pro Glu Gln Pro Leu Arg Leu Gln Glu Leu
245 65 70 75 80
246 Ile Asp Met Gly Met Leu Phe Cys His Arg Leu Arg Thr Asn Val Val
247 85 90 95
248 Ala Arg Ala Gly Val Arg Leu Ser Met Asp Gln Gln Ala His Gly Leu
249 100 105 110
250 Asp Arg Arg Gly Pro Phe Arg Arg Trp His Glu Thr Leu Leu Lys Leu
251 115 120 125
252 Leu Asn Gln Ala Lys Glu Asn Gly Glu Leu Leu Pro His Val Val Thr
253 130 135 140
254 Thr Asp Ser Ala Asp Leu Tyr Val Gly Thr Phe Ala Gly Ile Gln Val
255 145 150 155 160
256 Val Ser Gln Thr Val Ser Asp Tyr Gln Asp Leu Glu His Arg Tyr Ala
257 165 170 175
258 Leu Leu Gln Lys His Ile Leu Pro Ala Ile Ala Val Pro Ser Val Leu
259 180 185 190
260 Ala Ala Leu Asp Leu Ser Glu Glu Arg Gly Ala Arg Leu Ala Ala Glu
261 195 200 205
262 Leu Ala Pro Thr Gly Lys Asp
263 210 215

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,471A

DATE: 10/14/2003
TIME: 11:54:57

Input Set : A:\p02329.app
Output Set: N:\CRF4\03142003\J017471A.raw

142 <210> SEQ ID NO: 16
143 <211> LENGTH: 311
144 <212> TYPE: PRT
145 <213> ORGANISM: Streptomyces coelicolor
146 <400> SEQUENCE: 17
147 Met Pro Glu Ala Val Val Leu Ile Asn Ser Ala Ser Asp Ala Asn Ser
148 15 Ile Glu Gln Thr Ala Leu Pro Val Pro Met Ala Leu Val His Arg Thr
149 20 Ile Gln Asp Ala Phe Pro Val Ser Trp Ile Pro Lys Gly Gly Asp
150 25 Arg Val Gln Asp Ala Phe Pro Val Ser Trp Ile Pro Lys Gly Gly Asp
151 30 Arg Phe Ser Val Thr Ala Val Leu Pro His Asp His Pro Phe Ala
152 35 Arg Phe Ser Val Thr Ala Val Leu Pro His Asp His Pro Phe Ala
153 40 45 50 55 60
154 55 60 65 70 75 80
155 75 80 85 90 95 100
156 95 100 105 110 115 120 125
157 125 130 135 140 145 150 155
158 155 160 165 170 175 180 185 190
159 190 195 200 205 210 215 220 225
160 225 230 235 240 245 250 255 260
161 255 260 265 270 275 280 285 290
162 285 290 295 300 305 310
163 <210> SEQ ID NO: 18
164 <211> LENGTH: 262
165 <212> TYPE: PRT
166 <213> ORGANISM: Streptomyces coelicolor

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/017,471A

DATE: 3/14/03

TIME: 12:54:57

Input Set: A:\p02329.app

Output Set: N:\CRF4\03142003\J017471A.raw